

***Mycobacterium tuberculosis*, Strain HN878, Total Lipids****Catalog No. NR-14839**

This reagent is the tangible property of the U.S. Government.

**Product Description:** NR-14839 is a preparation of the total cellular lipids of *Mycobacterium tuberculosis*, strain HN878, including those with known biological activities, such as trehalose dimycolate (TDM) and sulpholipids.

**Lot: 70017931****Manufacturing Date: 14JAN2019**

Production and QC testing were performed by Colorado State (CSU). The CSU documentation for lot 19.HN878.1.09.01.TL is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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# WORK SHEET FOR PURIFIED TOTAL LIPID (TLIP)

## General Information

BEI Catalog Number: NR-14839  
CSU Lot Number: 19.HN878.1.09.01.TL  
Species: M. tuberculosis  
Strain: HN878

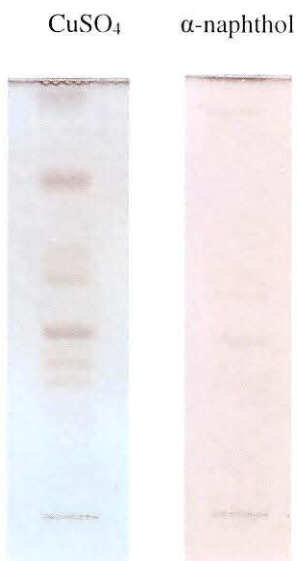
## Purification Information

Starting material: HN878 cells Starting Material Lot #: 17.HN878.6.21.11.WCg.a  
Cells Irradiated: Yes Viability Test Performed: No Viable Organism Detected  
Protocol used (SOP #'s): PP018, SP031, SP033  
Date started: 12/20/18  
Date completed: 1/14/19  
Notebook; page(s): TL Notebook 1 pp 61-62  
Additional notes:

## Quality Control Information

Total amount of TLIP: 468.0 mg Date dried on N<sub>2</sub> bath: 1/10/19  
TLC date: 1/9/19 Notebook and page(s): Total Lipids I pp 59-60  
TLC Solvent System: 65/25/4 chloroform/methanol/water

## QC TLC:



### Aliquots

20 x 5.0 = 100.0 mg  
7 x 50.0 = 350.0  
1 x 18.0 = 18.0  
**468.0 mg**

[Signature] 1/28/19  
(Research Associate) date

[Signature] 1-28-19  
(Laboratory Supervisor) date